

Amendments to the Specification:

Please replace the Summary of the Invention paragraph starting on page 7, line 12 and continuing through to page 8, line 13 with the following amended paragraph:

The present invention overcomes the limitations of the prior art. First, the system can be used to author applications using an entirely visual programming scheme (paradigm) which does not require the user to know or be able to write any specialized code. Icons representing the objects (and accordingly their functionalities) may be placed (dragged) into an appropriate view. The system of the invention generates the information needed by the run time program. Second, during authoring, the user can access all four views which can be synchronized or not at the user's choice, and these views are available in overlapping windows. The user may, thus, work in the view most appropriate to the type of object the user is manipulating. Third, the objects which are available on the palette, can be added or subtracted from the development program with great ease. While the present implementation of the invention is designed to directly operate standardized Microsoft Visual Basic VBX controls as objects, the manner in which the invention wraps the objects is equally usable with objects written to standards other than the Microsoft VBX control. Fourth, the invention is capable of utilizing any objects written to a standard specification. That is, at its core it is featureless and extensible. The invention imposes no limitation on the type of function the objects can ~~perform~~ perform, and the objects need not be directed towards multimedia or any other single use. Thus, all types of programs can be developed utilizing the entire range of available objects, and, during application development, the objects may all be presented

in the four views, once again synchronized or not. ~~Fourth~~ Fifth, a run time program is provided which executes the output of the authoring program much faster than the run time programs of the prior art. These, and other advantages of the invention will become apparent from the description of the invention which follows.

Please replace the second full paragraph on page 17 starting at line 9 and continuing through to line 17 with the following amended paragraph:

While the software appendix discloses the source code for the computer implemented application development system of this invention in the WINDOWS and IBM-PC platform, the invention is not platform ~~dependant~~ dependent and could also be implemented on the MacIntosh and other platforms. In order to run the source code disclosure of this invention on a digital computer, the following commercially available software programs should be available on the computer: Microsoft Visual C++ 1.5, Microsoft WINDOWS 3.1, and objects of the user's choice written to the Microsoft VBX Custom Control standard, Version 1.0. For Microsoft Visual C++ 1.5, file VBAPI.H has been renamed to VB_VBAPI.H.